

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Koji SHIMAZAWA et al.

Application No.: 09/824,060

Filed: April 3, 2001

For: TUNNEL MAGNETORESISTIVE EFFECTIVE  
ELEMENT, AND A THIN FILM MAGNETIC  
HEAD, A MAGNETIC HEAD DEVICE AND  
MAGNETIC DISK DRIVE DEVICE USING SAME  
(AS AMENDED)



Group Art Unit: 2652

Examiner: David D. Davis

Docket No.: 109164

MAIL STOP RCE

**LARGE ENTITY REQUEST FOR  
CONTINUED EXAMINATION UNDER 37 C.F.R. §1.114**

**RECEIVED**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AUG 16 2004

Technology Center 2600

Sir:

In accordance with the provisions of 37 C.F.R. §1.114, Applicants hereby request continued examination.

☒ Applicants further request entry and consideration of the attached submission.

The above-identified application was filed on or after June 8, 1995. Thus, entry is proper under 37 C.F.R. §1.114(d).

Attached hereto is our check no. 157233 in the amount of ☒ \$770.00 as payment of the fees set forth in 37 C.F.R. §1.17(e). The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this page are enclosed.

Respectfully submitted,

*[Signature]*  
James A. Oliff  
Registration No. 27,075

Yong S. Choi  
Registration No. 43,324

JAO:YSC/eks

Date: August 11, 2004

**OLIFF & BERRIDGE, PLC**  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

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INFORMATION DISCLOSURE STATEMENT

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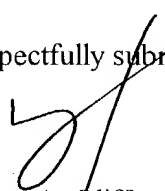
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed with a Request for Continued Examination. No certification or fee is required.
- ☒ 2. English-language Abstracts of the non-English language references are attached hereto.
- ☒ 3. The references were cited in a counterpart foreign application. A copy of the Japanese Office Action is attached for the Examiner's information.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

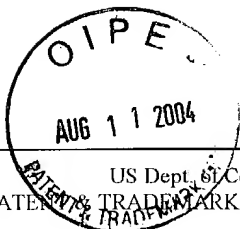
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 109164		APPLICATION NO. 09/824,060	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Koji SHIMAZAWA et al.			
				FILING DATE April 3, 2001		GROUP 2652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	5,862,022 (Abstract only, corresponds to JP 10-255231)	01/19/1999	Kiyoshi NOGUCHI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	2	JP 10-255231 (w/English-language Abstract and Abstract of corresponding U.S. Patent No. 5,862,022)	09/25/1998	JAPAN			
	3	JP 63-55714 (w/English-language Abstract)	03/10/1988	JAPAN			
	4	JP 11-213351 (w/English-language Abstract)	08/06/1999	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							